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DC Motor Position Control

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EET 491
Senior Design Phase II
Professor Hack
and
Professor Hwang

DC Motor Position Control

by

Steve F. Ulm Jr.

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Abstract

This paper is the explanation of the hardware and software of my senior design project, DC Motor Position Control. The hardware section discusses the different hardware circuits and how they work. The software section then discusses the logic of the software for the movement of the two motors. Finally, in the discussion section, I talk about some of the problems encountered during this projects development. I also discuss how they were overcome. I then briefly discuss how the project can be improved upon to add the keypad and LCD to the project.